

VMWare Challenge UR Propel

54m: 42s to test end





2

☆ Merge Strings



Complete the *mergeStrings* function in your editor. It has 2 parameters:

- 1. A string, a.
- 2. A string, b.

Your function must merge strings a and b, and then return a single merged string. A 3 merge operation on two strings is described as follows:

- Append alternating characters from a and b, respectively, to some new string, mergedString.
- Once all of the characters in one of the strings have been merged, append the remaining characters in the other string to mergedString.

Input Format

The locked stub code in your editor reads two strings, a and b, from stdin and passes them to your function.

Constraints

• $1 \le |a|, |b| \le 25000$

Output Format

Your function must return the merged string. This will be printed to stdout by the locked stub code in your editor.

Sample Input 0

| abc def | | | |
|------------|--|--|--|
| | | | |

Sample Output 0

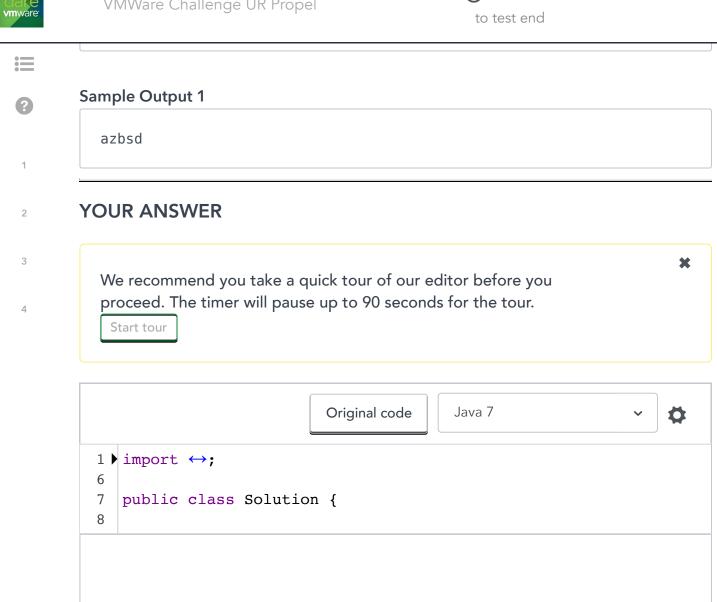
adbecf

Sample Input 1



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() 54m : 42s



```
9 - /*
     * Complete the function below.
10
     */
11
12
        static String mergeStrings(String a, String b) {
13 ▼
             StringBuilder res = new StringBuilder();
14
15
16 <del>-</del>
             for (int i = 0; i < Math.min(a.length(), b.length());</pre>
    i++) {
                 res.append(a.charAt(i));
17
18
                 res.append(b.charAt(i));
19
             }
20
             if (a.length() > b.length()) {
21
                 res.append(a.substring(b.length(), a.length()));
22
23 ₹
             } else if (a.length() < b.length()) {</pre>
                 res.append(b.substring(a.length(), b.length()));
24
25
             }
26
27
             return res.toString();
28
29
        }
30
31
32 ▶
        public static void main(String[] args) throws IOException{
    ↔}
57
    }
                                                           Line: 9 Col: 1
```

Test against custom input

Run Code

Submit code & Continue

(You can submit any number of times)

Download sample test cases The input/output files have Unix line endings. Do not use Notepad to edit them on windows.

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